

11/20/01  
J1003 U.S. PTO

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11/20/01  
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09/9866/60

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

**Express Mail No.: ET796588117US**  
**Attorney Docket No.: 2002834-0069**  
**Date Filed: November 20, 2001**

**UTILITY PATENT APPLICATION TRANSMITTAL**

(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

**Inventor(s):**

Given Name (first and middle)	Family Name or Surname	Residence (City and State or Foreign Country)
Hugh A.	Sampson	19 Carleon Avenue Larchmont, NY 10538
Gary A.	Bannon	714 St. Michael Place Little Rock, AR 72211
A. Wesley	Burks	2400 North Pierre Little Rock, AR 72207

**Title of the Invention: ANIMAL MODEL OF ALLERGIES**

**A) APPLICATION ELEMENTS:**

- 1) ☒ **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2) ☒ **Applicant Claims Small Entity Status** (see 37 CFR 1.27)

a) ☐ Statement Verifying Small Entity Status (optional)

3) ☒ **Specification**

TOTAL PAGES:

( 94 pp. description; 6 pp. claims;  
1 p. abstract)

- Descriptive Title of the Invention
- Cross References to Related Applications (if applicable)
- Statement Regarding Federally Sponsored R & D (if applicable)
- Background of the Invention
- Summary of the Invention
- Detailed Description of Certain Embodiments of the Invention
- Claim(s)
- Abstract of the Invention

4) ☐ **Drawing(s)** (35 U.S.C. § 113)

TOTAL SHEETS:

a) ☐ Formal Drawings (if checked)

TOTAL SHEETS:

5) ☐ **Oath or Declaration**

TOTAL PAGES:

a) ☐ Newly Executed (original or copy)

b) ☐ Copy from a prior application (37 C.F.R. § 1.63(d))-for  
continuation/divisional application

i) ☐ Deletion of inventor(s): Signed Statement deleting inventor(s) named  
in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

c) ☐ Unexecuted

6) ☐ **Application Data Sheet**. See 37 CFR 1.76.

7) ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)**

8) ☐ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are  
necessary)

a) ☐ Computer Readable Form (CRF)

b) ☐ Specification Sequence Listing on:

i) ☐ CD-ROM or CR-R (2 copies); or

ii) ☐ Paper

c) ☐ Statements verifying identity of above copies

B) ACCOMPANYING APPLICATION PARTS:

- 9) ☐ **Assignment Papers** (cover sheet & document(s))
- 10) ☐ **37 C.F.R. § 3.73(b) Statement** (when there is an assignee)
- 11) ☐ **Revocation of Previous Powers of Attorney and Appointment of New Attorney**
- 12) ☐ **English Translation Document** (if applicable)
- 13) ☐ **Information Disclosure Statement (IDS)/PTO-1449**
- 14) ☐ **Copies of IDS Citations**
- 15) ☐ **Preliminary Amendment**
- 16) ☒ **Return Receipt Postcard (MPEP 503)** (specifically itemized)
- 17) ☐ **Certified Copy of Priority Document(s)** (if foreign priority is claimed)
- 18) ☐ **OTHER:** (if applicable, specified below)

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

☐ continuation                      ☐ divisional                      ☒ continuation-in-part (cip)

of prior application no: 09/518,346  
filed: March 3, 2000  
examiner: \_\_\_\_\_  
group/art unit: \_\_\_\_\_

**for continuation or divisional applications only:** The entire disclosure of the prior application, from which an oath or declaration is supplied as detailed above, is considered

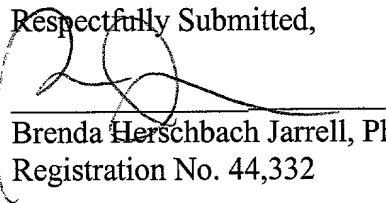
Variable	Unit	1970	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100		
Population	millions	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240
GDP	billions of \$	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
Energy consumption	quadrillion Btu	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150
CO <sub>2</sub> emissions	gigatonnes	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150
Forest area	million hectares	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240
Land area	million hectares	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240
Water area	million hectares	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240
Urban area	million hectares	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150
Rural area	million hectares	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Forest cover	percent	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Land cover	percent	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Water cover	percent	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Urban cover	percent	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Rural cover	percent	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Forest loss	million hectares	10																												

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Respectfully Submitted,



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